

Geochemical Behavior of Titanium in Metasomatism,
by G. A. Sokolov, MD. I. Pavlov, 3, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 2, 1962, pp 445-448.

Amer Geol Inst

Sci
Mar 64

A Casuarina From the Caucasus, by V. G. Gayvoronskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 453-455.
2

Amer Geol Inst

Sci

Mar 64

Plant(?) Fossils of Unknown Taxonomic Position
From the Deposits of the Bavlinskaya Series in the
Volga-Urals Oil Province, by Ye. D. Shepeleva, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 2, 1963, pp 456-457.

2

Amer Geol Inst

Sci
Mar 64

Mitotic Activity of the ~~KXN~~Liver and the External ~~WKNKN~~
Orbital Gland of the White Rat, by V. N. Dobrokhotoy, A
A. G. Kurdyumova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 458-461.

AIBS

Sci

Nov 63

Blood Plasma Antiproteolytic Factor and Its Changes
in Radiation Injury to Animals, by ~~XXXXXX~~.

~~XX~~ R. G. Mkrtchyan, B. N. Tarusov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 462-464.

Sci

Nov 63

AIBS
Amer Inst Phys
Sov Phys - Dok
Vol VII, No 1

Reaction of Propyl Gallate With Rous Sarcoma Virus
Adsorbed on Erythrocytes and Stroma, by
E. S. Elkhovskaya, L. P. Lipchina, et al, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, biol Section,
Vol CXLII, No 2, 1962, pp 465-467.

AIBS

Sci

Nov 63

Role of pH and of Cobalt Ion in the Stabilization
of the Polarographic Wave of the Proteinase of
Bacillus Subtilis During the Process of Thermal
Denaturation, by I. D. Ivanov, E. E. Rakhleyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 468-470.

AIBS

Sci

Nov 63

Action of N-Bromosuccinimide on Pepsin and Pepsinogen,
by L. A. Lokshina, V. N. Orekhovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, R Vol CXLII,
No 2, 1962, pp 471-473.

AIBS

Sci

Nov 65

On the Problem of Intercalary Growth of Leaf in
Grasses, by I. K. Kirshin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 474-477.

AIBS

Sci

Nov 63

Effect of Gibberellin of Photosynthesis and
Respiration in Leaves of Tea Bush, by M. A. Ali-Zade,
A. M. Babayeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 478-480.

AIBS

Sci

Nov 63

Role of Photoperiodism in Seasonal Development of
Tree-Hole Malarial Mosquito-Anopheles Plumbeus Steph.
(Diptera, Culicidae), by E. B. Vinogradova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 481-483.

AIBS

Sci

Nov 63

Local and Propagated Potentials of Single Mechanoreceptors
(Corpuscles of Vater-Paccini), by O. B. Il'inskiy,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 488-490.

AIBS

Sci

Nov 63

Preliminary Results on the Nature of Duodenal
Hormones Having a General Action, by A. M. Ugolev,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2. 1962, pp 491-492.

AIBS

Sci

Nov 63

An Electrophysiological Study of the Development
From Birth of the Sensitivity of Neurones at
Different Levels in the Nervous System, by
V. S. ~~XXXXXX~~Sheveleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 2, 1962, pp 493-495.

AIBS

Sci

Nov 63

Derivatives of ~~XXX~~ Oxazoles in the Diene Synthesis, by
G. Ya. Kondrat'eva, Khuan Chzhi-Khen, 2 pp.

RUSSIAN, perk, Dok Ak Nauk SSSR, Vol CXLII, No 2,
1962, pp 593-595.

CB

Sci - Chem

Oct 62

On Steklov's Conjecture, by Ja. L. Geronimus,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, 1962, pp 74-76.

CB

Sci - Math

Aug 62

On Dirichlet's L-Functions, by O. M. Fomenko,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, 1962, pp 120-121.

CB

Sci - Math

Aug 62

XX

Synthesis and Investigation of Amine Complexes With
Rhenium (IV) Halides, Preparation and Properties
of Dipyridine-rhenium Tetrabromide, by G. K.
Babeshkina, V. G. Tronev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3
1962, pp 344-346.

CB

Oct 62
Sci - Chem

EXTENSION OF THE GOLUZIN-SCHIFFER VARIATIONAL
METHOD TOMULTIPLY CONNECTED REGIONS, BY S. A.
GEL'FER, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 503-506.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

209,660

SEP 62

ON THE CONSTRUCTION OF DIFFERENCE EQUATIONS FOR
THE APPROXIMATE SOLUTION OF THE EQUATION OF
EULER-POISSON-DARBOUX, 5 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 510-513.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

209,661

THEOREMS OF WEIGHTED IMBEDDING, BY A. S. DZAFAROV,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 514-517.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

209,662

SEP 62

ANALYTIC SOLUTIONS OF TRICOMI'S EQUATION, BY
JU. F. KOROBEINIK, K 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 518-521.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

209,663

SEP 62

ON THE ASYMPTOTICS OF DISTRIBUTIONS OF MAXIMUM
DEVIATIONS, BY V. S. KOROLJUK, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 522-525.

AMER MATH SOC
VOL 3, NO L

SCI - MATH

SEP 62

209,664

ON FOUR-POINT SCHEMAS OF INCREASED ACCURACY, BY
V. I. LEBEDEV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 526-529.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

209,665

SEP 62

AN EFFICIENT METHOD OF CONSTRUCTING BEST
APPROXIMATION PROCEDURES, BY L. P. LEBEDEV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 530-533.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

⁰
2x9,666

THE UNIQUENESS OF THE SOLUTION OF THE INVERSE
PROBLEM FOR ORDINARY DIFFERENTIAL OPERATORS OF
ORDER $N = 2$, AND THE TRANSFORMATION OF SUCH
OPERATORS, BY Z. L. LEIBENZON, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 534-537.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

209,667

EXPANSION IN ROOT VECTORS OF A SLIGHTLY PERTURBED
~~XXXXXX~~ SELF-AA=JOINT OPERATOR, BY AX. S. MARKUS,
5 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 538-541.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

209,668

SEP 62

ON THE BEHAVIOR OF TRAJECTORIES OF SYSTEMS NEAR
TO AUTONOMOUS HAMILTONIAN SYSTEMS, BY V. MEL'NIKOV,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 542-545.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

XX 209,669

ABSENCE OF POLYHEDRAL SPECTRA FOR BICOMPACTA, BY
B. PASYNKOV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 546-549.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

209,67X0

DISCRETE SPECTRUM OF SCHRODINGER'S RADIAL
EQUATION, BY L. A. SAHNOVIC, 4 PP.

RUSSIAN, PER, DOK AKKNAUK SSSR, VOL CXLII, NO 3,
1962, PP 550-553.

AMER MATH SOC
VOL 3, NO ,1

SCI - MATH

209,671

SEP 62

LOCAL PROPERTIES OF CERTAIN APPROXIMATION
OPERATORS, BY A. L. FUKSMAN, 3 PP.

DOK AK NAUK SSSR,
RUSSINA, PER, ~~XXXXXXXXXX~~ VOL CXLII, NO 3,
1962, PP 556-559.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

209,672

THE INTERPRETATION OF NONSTATIONARY RELATIVISTIC
HYDRODYNAMICX IN MINKOWSKI SPACE, BY I. S.
SHIKIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 564-567.

AIP
SOV PHYS - DOKLAD
VOL VII, NO L

SCI
JUL 62

204,39L

On the Variational Method in the Nonlinear Theory
of Elasticity, by I. G. Teregulov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 568-571.

AIP
Sov Phys - Doklady
Vol VII, No 1

Sci

Jul 62

MODELS WITH FINITE NUMBERS OF DEGREES OF FREEDOM FOR
A CERTAIN CLASS OF PROBLEMS IN MATHEMATICAL
PHYSICS (DIFFERENCE SCHEMES WITH CONSERVATION
LAW), BY A. L. KRYLOV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII,
NO 3, 1962, PP 572-575.

AIP
SOV PHYS - DOKLADY
VOLVII, NO 1

SCI
JUL 62

204,392

On a Case of Stefan's Problem, by L. I. Rubinshtein,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 576-577.

AIP
Sov Phys - Doklady
Vol VII, No 1

Sci

Jul 62

Solid Helium Transition to the Metallic State at
High Pressures, by V. P. Trubitsyn, F. R. Ulinich,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 578-580.

AIP
Sov Phys - Doklady
Vol VII, No 1

Jul 62
Sci

Two-Phase Zone in Crystallization of an Alloy in
Unsteady-State Conditions, by V. T. Borisov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 581-583

AIP
Sov Phys - Doklady
Vol VII, No 1

Sci

Jul ;62

CRYSTALLIZATION OF SUPERCOOLED BINARY ALLOYS, BY
D. S. KAMENETSKAYA, E. P. RAKHMANOVA, 3 PP.

RUSSIN, PER, ~~DOK AK NAUK SSSR~~, VOL CXLII,
NO 3, 1962, PP 584-586.

AIP
SOV PHYS - DOKLADY
VOL VII, NO L

SCI
JUL 62

204,399

Aerosol Layer in the Upper Atmosphere,
by A. E. Mikhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, 1962, pp 587-588.

NASA TT F-8195

Sci - Phys
15 Jun 62
US GOV'T USE ONLY

201,234

MECHANISM OF HYDROLYSIS OF VINYL ETHERS, HYDROLYSIS
OF VINYL ETHYL, VINYL ISOPROPYL AND VINYL ~~N~~BUTYL
ETHERS, BYL. A. KIPRIANOVA, A. F. REKASHEVS, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII,
NO 3, 1962, PP ~~589-592~~.

CB

TT-64-20162

SCI - CHEM

OCT 62

212,131

MICRODETERMINATION OF ACTIVE HYDROGEN BY THE
GAS CHROMATOGRAPHIC METHOD, BYM. N. CHUMACHEKNO,
L. B. TVERDYUKOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 602-614.

CB

SCI - CHEM

212,136

OCT 62

THE PROPORTIONAL SENSITIVITY OF THE ABSORPTION
SPECTRA OF MEROCYANINS TO THE ACTION OF
SOLVENTS, BY M. A. MOSTOSLAVSKIY, V. A.
IZMAIL'SKIY, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 600-603.

CB

SCI - CHEM

212,133

OCT 62

INVESTIGATION OF THE ADDITION OF DICHLOROSILANE TO
ALKENYLSILANES, BY G. V. ODABASHYAN, T. A.
ZHURAVLEVA, 4 PP.

RUSSIAN, PER, IZDOK AK NAUK SSSR, VOL. CXLII, NO 3,
1962, PP 604-607.

CB

SCI - CHEM

OCT 6

212,134

PHYSICAL PROPERTIES OF THE NITRIDES OF THE
TRANSITION METALS, BY G. V. SAMSONOV, T. S.
VERKHOGLYADOVA, 3 PP.

RUSSIAN, PER, ~~DOKAZ~~ NAUK SSSR, VOL CXLII, NO 3,
1962, PP 608-611.

CB

SCI - CHEM

212,135

OCT 62

Chumachenko, M. N. and Tverdyukova, L. B.
MICRODETERMINATION OF ACTIVE HYDROGEN BY
A GAS-CHROMATOGRAPHIC METHOD. 9 Apr 62 [7]p.
20 refs.

Order from OTS or SLA \$1.10

62-14993

Trans. of Akad[emiya] Nauk SSSR. Doklady 1962,
v. 142 [no. 3] p. 612-614.

DESCRIPTORS: *Gas chromatography, Test equipment,
Microanalysis, Organic compounds, *Hydrogen, Deter-
mination, Lithium compounds, Aluminum compounds,
Hydrides, Furans.

Details are given of a micro method for determining
active hydrogen in organic compounds based on a
chromatographic determination of the amount of gas
liberated by reaction of the compound with a solution of
LiAlH₄ in tetrahydrofuran. This method makes it
possible to obtain accurate results and to decrease the
(Chemistry--Analytical, TT, v. 9, no. 4) (over)

62-14993

I. Chumachenko, M. N.
B. Tverdyukova, L. B.

Office of Technical Services

The Nature of the Relationship Between
Chemiluminescence and Oxidation by
Molecular Oxygen, by R. F. Vasil'ev,
A. A. Vichutinskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, pp 615-618.

CB

OTS 62-18033

Sci

Jan 63

Investigation fo the Mechanism of the
Oxidation Of Propylene to Acrolein on a
Cuprous Oxide Catalyst by the Method of
Radioactive Tracers, by O. A. Golovina,
O. V. Issev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, pp 619-622.

CB

Sci

Jan 63

Certain Properties of the Semiconductor CdSnAs_2 -
An Electron Analogue of Indium Arsenide, by N.
A. Goryunova, S. Mamaev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, pp 623-626.

CB

Sci.
Jan 63

The Formation of Structure in Crystalline
Polystyrene, by V. A. Kargin, T. I. Sogolova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, pp627-628.

CB

Sci

Jan 63

A Thermodynamic Method for Calculating the
Solvating Power of Solvents, by E. S.
Rudakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, pp 629-632.

CB

Sci

Jan 63

The Mechanism of Structure Formation in
Hydrocarbon Suspension of Carbon Black as
Related to the Problem of Active Rubber
Fillers, by B.Ya. Yampol'skii,
Wu Shu-Ch'iu, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 3, Jan-Feb 1962, p 633-636

CB

Sci

Jan 63

The Upper Concentration Limit for the Propagation
of Flame in Mixtures of Acetylene With Oxygen
and Air; by B. A. Ivanov, S. M. Kogarko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLII, No 3, 1962, pp 637-638.

CB

Sci

Aug 63

Subsolidus Structure and Ternary Compounds in the
System $\text{CaO-ZrO}_2\text{-SiO}_2$, by R. A. Kordyuk,
N. V. Gul'ko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Chemical Technology
Section), Vol CXLII, No 3, 1962, pp 639-641.

CB

OTS 63-10319

Sci

Aug 63

On the Problem of the Age of the Ultrabasic Intrusives
in the Southern Urals, by S. S. Gorokhov, G. B. Rudnik,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 643-646.

Amer Geol Inst

Sci
Mar 64

On the Age of the Metamorphic and Igneous Rocks
at the Core of the Tvarikyr Anticline, by
Yu. Ya. Kuznetsov, V. V. Prusov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 647-649.

Amer Geol Inst

Sci

Mar 64

On the Age of the Rocks of the ~~Molozhsk~~ Greenstone
Series in the Polevskiy District of the Middle Urals,
by N. P. Malakhova, P. Ya. Yarosh, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 650-652.

Amer Geol Inst

Sci
Mar 64

The Structure of the Eastern Flank of the Moscow
Syncline, by A. I. Mushenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 653-656.

Amer Geol. Inst

Sci
Mar 64

Some New Data on the Age of the Igneous Rocks in
the Western Part of the Verkhoyansk-Kolyma Folded
Region, by N. I. Menashev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol. CXLII, No 3, 1962, pp 657-660.

Amer Geol Inst

Sci
Mar 64

Some New Data on the Precambrian Rocks on the
Eastern Slopes of the Urals, by I. V. Chermeninova,
1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 661-662.

Amer Geol Inst

Sci
Mar 64

A Correlation of the Pre-Ordovician Strata in
Volhynia and Podolia, by K. E. Yakobson, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 663-666.

Amer Geol Inst

Sci

Mar 64

Outflow Mechanism for Deep Ground Water in the
Caspian Depression, by V. N. Kortsenshteyn, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 667-669.

Amer Geol Inst

Sci
Mar 64

Betalomonosovite, by V. I. Gerasimovskiy,
M. Ye. Kazakova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 670-673.

Amer Geol Inst

Sci
Mar 64

Fluoborite From Central Asia, by Yu. I. Yedovin,
G. M. Utekhin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 674-676.

Amer Geol Inst

Sci
Mar 64

The Principal Features of the Emplacement and
Structure of the Gaurdak Sulfur Ores, by V. D. Kogan,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLI, No 3, 1962, pp 677-682.

Amer Geol Inst

Sci
Mar 64

The Forms of Occurrence of Uranium in the Waters
of the Sea of Azov and Some Estuaries and Rivers
of the Azov-Black Sea Basin, by M. S. Lambert,
D. S. Nikolayev, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 681-682.

Amer Geol ¹nst

sci
Mar 64

Adsorption Ash of Coal, by I. N. Semasheva,
I. S. Sofiyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 683-686.

Amer Geol Inst

Sci
Mar 64

Wood Specimens of Some Leafy Trees From the
Maykopian Deposits in the Western Caucasus, by
V. G. Goryvoronskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp ~~690-691~~ 687-689.

Amer Geol Inst

Sci.
Mar 64

On the Paleogene Stromatolites From the Gissar
Range, by V. P. Maslov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLII, No 3, 1962, pp 690-691.

Amer Geol Inst

Sci
Mar 64

(NY-7072)

THE IMPORTANCE OF ~~REXX~~ FAT RESERVES OF THE
CELL FOR ITS REACTIVATION FOLLOWING RADIATION
INJURY, BY V. M. ALEKSEYEVA, 6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII,
NO 3, 1962, PP ~~699~~-701.

JPRS 14415

SCI - MED
JUL 62

202,442

(NY-7072)

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE) OF
660 MEV PROTONS, BY E. B. KURLYANDSKAYA,
AND G. A. AVRUNINA, ET AL, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII,
NO 3, R 1962, PP 702-705.

JPRS 14415

SCI - MED
JUL 62

202,443

(NY-7072)

REDUCTION OF THE DEGREE OF INJURY OF DNA
MOLECULES UNDER THE EFFECT OF RADIATION IN
THE PRESENCE OF PROPYL GALLATE, BY
N. V. NIKOLAYEVA, K. YE. KRUGLYAKOVA, ET AL,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, I,
NO 3, 1962, PP 713-715.

JPRS 14415

SCI - MED
JUL 62

202,444

A THEOREM OF WIENER TYPE FOR SERIES OF WALSH
FUNCTIONS, BY G. N. AGAYEV, 3PP.

RUSSIAN, PRE, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 751-753.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

2XZ09,674

A UNIQUENESS THEOREM FOR A NORMAL REGION OF FROMMER'S
SECOND TYPE, BY A. F. ANDREYEV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 4,
1962, PP 754-757.

AMER MATH SOC
VOL3, NO 1

SCI -MATH

209,675

SEP 62

On the Behavior of an Adiabatic Invariant Under
Slow Periodic Variation of the ANKX Hamiltonian,
by V. I. Arnol'd, 4 pp.

~~XXXX~~
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLXI, No 4,
1962, pp 758-761.

Amer Math Soc
Vol 3, No 1

Sci - Math
Aug 62

211,561

On the Growth of Functions Which are Harmonic Within
a Cylinder and Bounded, together With Their Normal
Derivative, on its Surface, by I. S. Arson,
M. A. Evgrafov, 5 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 762-765.

Amer Math Soc
Vol 3, No 1

Sci - Math
Sep 62

211,562

Binary Additive Problems With Primes, by B. M.
Bredihin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 34, 1962, pp ~~144-146~~.
766-768

CE

Sci - Math

Aug 62

Asymptotic Formulas Valid on a Half Line for
Solutions of Ordinary Differential Equations
With a Small Parameter in the Term Involving
the Highest Derivative, by A. B. Vasil'yeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 4, 1962, pp 769-772.

Amer Math Soc
Vol 3, No 1

211,563

Sci - Math
Sep 24 62

ON CERTAIN DIFFERENTIAL EQUATIONS ENCOUNTERED IN
THE INVESTIGATION OF OSCILLATIONS WITH SMALL
RANDOM PERTURBATIONS, BY R. Z. HAS'MINSKIY, 3 PP.

RUSSIAN PER, DOK AK NAUK SSSR, VOL CXLII, NO 3,
1962, PP 560-563.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

2X09,673

Hydrobionts of Decaying Wood in Kama Reservoir (As
Exemplified by R. Syra Estuary), by V. V. Gromov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 692-694.

AIBS

Sci

Nov 63

Survival of Marine Organisms (Heterotrophs) in
Laboratory Cultivation, by E. V. Zemtsova,
A. E. Kriss, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 695-698.

AIBS

Sci

Nov 63

Importance of Fat Reserves in Cell for Its
Reaction After Radiation Injury, by V. M. Alekseyeva,
M. N. Meisel', 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, 1962, pp 699-701.

AIBS

Sci

Nov 63

Relative Biological Effectiveness (RBE) of 660
Mev Protons, by E. B. Kurlyanskaya, G. A. Avrunina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, 1962, pp 702-705.

AIBS

Sci

Nov 63

Presence of Collagenase in Animal Tissues, by
B. S. Kasavina, A. L. Laufer, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 706-708.

AIBS

Sci

Nov 63

Purification of Guinea Pig Serum Asparaginase by
Chromatography on a Diethylaminoethylcellulose
Column, by S. R. Mardashev, Wans Shao-Hua,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 709-712.

AIBS

Sci

Nov 63

Lessening of the Degree of Injury Caused by
Radiation to DNA Molecules in the Presence of
Propyl Gallate, by N. V. Nikolayeva, K. E.
Kruglyakova, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 713-715.

AIBS

SKX

SCI

Nov 63

t

Role of Soluble Ribonucleic Acid in Reactions of
Transfer of Glucosyl Groups, by A. N. Petrova,
T. T. Bolotina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 3,
1962, pp 716-718.

AIBS

Sci

Nov 63

Uptake and Distribution of Labeled Phosphorus in
Foliar Nutrition of Potato, by A. I. Grechushnikov,
V. P. Kiryukhin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, pp 719-722.

AIBS

Sci

Nov 63

About Red and Green Cones of Spruces in Reference to
Early and Late Opening, by V. A. Panin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, 1962, pp 723-724.

AIBS

Sci

Nov 63

Changes in Canine Conditioned Reflexes Following the
Injection of Small Doses of Adrenalin, by A. S. Denisova,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ~~XXIX~~ Biol Section,
Vol CXLII, No 2, 1962, pp 725-727.

AIBS

Sci

Nov 63

The Role of Efferent Innervation of the Mammary Gland in the Regulation of Milk Fat Secretion in Goats, by G. B. Tverskoi, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section, Vol CXLII, No 3, 1962, pp 728-731.

AIBS

Sci

Nov 63

Developmental Cycle of Nematode Thelazia Callipaeda-
A Parasite in the Eye of Man and Cranivorous Mammals,
by D. P. Kozlov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, 1962, pp 732-733.

AIBS

Sci

Nov 63

Secondary Polymerization of Gonads in Hymenolepidids,
by A. A. Spasskii, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Section,
Vol CXLII, No 3, pp 734-736.

AIBS

Sci

Nov 63

A Constructive Property of a Certain Class
of Functions, by V. F. Vlasov, 2 pp.

RUSSIAN, per, Dok & Ak Nauk SSSR, Vol CXLII,
No 4, 1962, pp ~~151-153~~.
773-175

CB

Sci - Math

Aug 62

On the Index of Systems of T o-Dimensional Singular Integral Equations, by A. I. Vol'pert, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4, 1962, pp 154-155.

776 777

GB

Sci - Math

Aug 62

Affine Connections on Manifolds of Almost
Complex Structure, by V. A. Gauhman, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
No 4, 1962, pp 156-158.

778-780

CB

Sci - Math

Aug 62

A Property of the Ring of all Continuous Functions
on a Bicom pactum, by E. A. Gorin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLII, No 4,
1962, pp 781-784.

Amer Math Soc
Vol 3, No 1

Sci - Math

211,564

Sep 62

(DE-6883)

7

Reducing the Problem of Memory Allocation During
Program Compiling to the Problem of Coloring Chart
Vertices, by A. P. Yershov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1 Feb 1962, pp 785-787.

JPRS 13792

Sci - Phys
May 62

196, 141

On a General Theory of Multiplication of Independent
Random Variables, by V. M. Zolotarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 4,
1962, pp 788-791.

Amer Math Soc
Vol 3, No 1

Sci - Math
A Sep 62

211, 557